

# Re:Modeling

---

## **OVERVIEW**

You are to model and build in SketchUp an already existing structure. This project is intended to test your SketchUp skills by challenging you to accurately copy minute details, shapes, surfaces, and textures that when combine replicate a structure that is already . Your job is to choose the style and structure you will be modeling. You must gather all necessary materials and data to help you be successful in this process. You will be highlighting the entire project through posters, and you will present your final printed projects during a class pin-up on May 30th.



## **Parts to the Project**

Inspiration Collage (20pts)

Architecture Firm Letter (20pts)

Architecture Firm Thank You (20pts)

Abstract: Architect/Firm and Building (20pts)

Source of Data/Drawings Keynote (20 pts)

SketchUp Model (50 pts)

Final Presentation Poster Hard Copy (25 pts)

Final Presentation Poster Digital Copy (25 pts)

## **LIST OF SLIDE BREAKDOWN**

Inspiration Collage (20pts)

Using iWork programs or Illustrator, you need to put together a collage of ideas that revolve around a certain style of architecture or building design that you are drawn to. Included in this you need to have a title of your work, a short abstract describing your direction for the project (ie. a summary of why you like this style of architecture and the direction you are going to take the project) a hierarchy of photos representative of the building design you will be using, captions or callouts explaining your choices, a background or overriding theme that pulls the poster together, one quote from a famous architect about the art of design, and your name.

All of this will sit nicely in a well design, aesthetically pleasing manner, on a 11x17 inch poster that will be printed in color for you.

#### Architecture Firm Letter (20pts)

In choosing the structure you wish to emulate, you will need to gather section, section elevation, floor plan, and roof drawings for that structure. This is why you will need to research, choose, and contact architects/firms and ask if they will send you PDF drawings of structures they have created. You may contact local custom home designers all the way too the largest names in the industry. The style and professional is all your choice. You will need to send your letter out to three different firms asking if they will share their designs. The letter you create will be proofread and graded before being sent out. Be sure the firms you are contacting design in the style you wish your building to be. So, you will need to do your research before shotgunning your letter out.

#### Architecture Firm Thank You (20pts)

You will compose a hand written thank you letter to the architect/firm that has shared with you the drawings needed for you to complete your project. The thank you letter will be checked before being sent out. Your teacher will provide the stamps and cards for this.

#### Abstract: About the Architect/Firm and Building (20pts)

An abstract is a summary or synopsis of a larger piece of work. There are journals, even books that can be written about architects and the building they create. You are to simply write up a one page 'newsletter-like' article highlighting the architect(s) and the structure you have chosen. If your building has no historical interest because it is a recently built custom home, simply talk about it. Maybe interview the architect and point out their thoughts about the structure. This assignment just gives the viewer of your project a little more background information.

#### Source of Data/Drawings Keynote (20 pts)

This keynote is a simple compilation of all the drawings, photos, and information you have gathered about the structure you are modeling in SketchUp. I will be grading the accuracy of your model using these pieces of information. Therefore, you must gather section elevation drawings of all four sided of your structure, a floor plan, a roof plan and at least one photo of the built structure. That will give you enough information to successfully create an accurate model in SketchUp. The more drawings, photos, and information you acquire will be more

beneficial to you when building your model. Get drawing with dimensions on them, trying to proportion a model will be too much work.

### SketchUp Model (50pts)

This is kind of self explanatory. You are to model your chosen structure in SketchUp with accurate dimensions. It will be best if you choose a template that is in feet and inches. Non-architectural is preferred since you will be using the paint bucket tool. The model has to be as accurate and detailed as you can get it according to your drawings. The more accurate, intricate, and detailed equals more points.

### Final Presentation Poster Hard Copy (25 pts)

The Final Presentation Poster HC is for showing off. This is where you highlight the entire project. Your poster will be put together on a minimum (but not limited to) 24x36 inch tear sheet and must contain the following elements:

- Title

- Inspiration poster

- Abstract

- (2) section elevation drawings from the architect

- Architect/Firm Name and Logo

- (1) photo of the built structure

- (3) different views of your model

- Written Reflection

- Name and Class

These elements are the minimum required for the poster. You are allowed to always do more. All images will be printed off in color in the office for you and you will need to build the poster (ie. glue, tape, spray) to put it all together. Students will have access to the b/w printer in the classroom and the color printer in the office. So, go crazy, go big, and make your project stand out.

### Final Presentation Poster Digital Copy (25 pts)

This is the exact same as the hard copy version except you can make this one look so much better. Using Illustrator create a 24x36 or 36x48 poster of your project with the directions above. Make it sexy. I can promise you, this will be one of the greatest and most powerful pieces you could include in your portfolio if you choose any design career path.